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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/654,205	09/01/2000	Ephraim Feig	YO999-487	6298

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EXAMINER

CHUONG, TRUC T

ART UNIT

PAPER NUMBER

2174

DATE MAILED: 01/29/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/654,205

Applicant(s)

FEIG ET AL.

Examiner

Truc T Chuong

Art Unit

2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1, 3, 4-6, 8-12, 14, 15, and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rangan et al. (U.S. Patent No. 6,154,771) in view of Chen et al. (U.S. Patent No. 6,175,840).

As to claims 1, 11, and 12, Rangan shows a method for indicating the location or time dependent video hypervideo hyperlinks to a user, comprising the steps of:

displaying a video presentation on at least a portion of a display device screen, said video presentation including a hypervideo hyperlink; and

providing the user, at times of viewing, with at least one user selectable display attribute for said hypervideo hyperlink (col. 8 lines 59-67, col. 9 lines 1-11 and figs. 2, 4) but Rangan does not clearly show said hypervideo hyperlink emphasis region. Chen clearly teaches the hypervideo hyperlink emphasis region (a hot link region, col. 2 lines 38-60 and figs. 1-2). It would have been obvious, at the time of the invention, a person with ordinary skill in the art would add this hot link region into Rangan's hypervideo hyperlinks for a user to be able to alter and

manipulate a visual attribute of a portion of the hot link region (col. 2 lines 46-49).

As to claim 3, Rangan teaches the method of claim 1 further comprising the step of displaying to the user, at the time of viewing, an options menu listing said at least one user selectable display attributes, wherein said displaying of said options menu is selectively controlled by the user (col. 15 lines 41-60 and figs. 2, 4).

As to claims 4 and 14, Rangan teaches the method wherein the user selectively controls the displaying of said options menu by positioning a user-controlled cursor in a specified emphasis region of said display device screen (col. 26 lines 7-28 and figs. 2, 4).

As to claim 5, Rangan teaches the method of claim 1 further comprising the steps of:

- opening a hypervideo data file (col. 8 lines 66-67 and col. 9 lines 1-7);
- decoding a video file associated with said hypervideo data file; and
- encoding (encode, col. 20 lines 56-64) the decoded video file with a hypervideo hyperlink emphasis region in at least one key frame (see claim 1 above for hypervideo hyperlink emphasis region).

As to claim 6, this is a system claim of method claims 1 and 5. Note the rejections of claims 1 and 5 above.

As to claims 8-10, these are system claims of method claims 3-5. Note the rejections of claims 3-5 above respectively.

As to claims 15 and 17, they are computer program product claims of method claims 1 and 2. Note the rejections of claims 1 and 2 above respectively.

3. Claims 2, 7, 13, and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rangan et al. (U.S. Patent No. 6,154,771) in view of Chen et al. (U.S. Patent No. 6,175,840) as applied to claim 1 above, and further in view of Trueblood et al. (U.S. Patent No. 4,808,984).

As to claims 2 and 13, Rangan in view of Chen teaches the method wherein at least one of said user selectable display attribute comprises a least one of surrounding said hypervideo hyperlink emphasis region with a visible border, brightening the hypervideo hyperlink emphasis region in relation to other portions of said hypervideo (see claim 1 above), but they do not teach displaying said hypervideo hyperlink emphasis region in gray scale only format, and displaying said hypervideo-hyperlink emphasis region in reverse-color mode format. Trueblood clearly teaches gray scale format and reverse-color mode format (col. 6 lines 16-22 and col. 7 lines 53-58). It would have been obvious to one of ordinary skill in the art at the time of the invention to add these features taught by Trueblood into Rangan's system for accurate color mixing (col. 6 lines 16-17).

As to claim 7, this is a system claim of method claim 2. Note the rejection of claim 2 above.

As to claim 16, this is a computer program product claim of method claim 2 above. Note the rejection of claim 2 above.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Astiz et al. (U.S. Patent No. 5,918,012) teach hyperlink, X-Y coordinates, and display (col. 4-14 and figs. 2-4, and 9).

Hubbell et al. (U.S. Patent No. 5,966,121) teach hypervideo, playback, GUI, video files, and region (cols. 2-47 and figs. 1-23).

Rangan et al. (U.S. Patent No. 6006,265) teach hyperlinks, hypervideo, and viewing (cols. 5-31 and figs. 2, 4-8).

Dimitrova et al. (Visual Associations in Deja Video) teach hypervideo, and making movies from frames (pages 1-11).

Mitsubishi (Authoring with Hyperlinked Video) teaches hypervideo, hyperlink, region, frames, web, Internet, display, and files (pages 1-13).

Chen et al. (Video and Audio :Organization and Retrieval in the WWW) teach www, hypervideo, web, position, and hyperlinks (pages 1-17).

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Truc T Chuong whose telephone number is 703-305-5753. The examiner can normally be reached on M-F 8:30 AM - 5:00 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine L. Kincaid can be reached on 703-308-0640. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-7239 for regular communications and 703-746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Truc T. Chuong
January 27, 2003

Kristine Kincaid
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